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**WADSWORTH CENTER
NEW YORK STATE DEPARTMENT OF HEALTH
ENVIRONMENTAL LABORATORY APPROVAL PROGRAM**

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 EPA Lab Code: POB 25046-MS 407-BLDG 95
 DENVER, CO-80225-0046
 UNITED STATES
 (303) 236-2000
 Director: MR. MERLE SHOCKEY

Shipment Date : 24-Jan-2005
 Closing Date : 10-Mar-2005
 Score Date : 29-Mar-2005

This report may contain data that are not covered by the NVLAP accreditation.

** Indicates NVLAP accredited analyte evaluated using the USEPA's National Standards for Water Proficiency Testing Studies Criteria Document.
 NVLAP Lab Code 200387-0. ELAP is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

Shipment: 280 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Vanadium, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	1280	1220 *	1140 - 1300	1100 - 1340 <i>97 passed out of 104 reported results.</i>	Satisfactory
Zinc, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	973	1030 *	954 - 1120	913 - 1160 <i>142 passed out of 152 reported results.</i>	Satisfactory
Zinc, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	1070	1030 *	954 - 1120	913 - 1160 <i>142 passed out of 152 reported results.</i>	Satisfactory
Sample: Non Potable Water Metals III								
Molybdenum, Total ** EPA Code: N/A	ug/L	8011	USGS I-4472-97	210	213 *	192 - 234	181 - 244 <i>99 passed out of 104 reported results.</i>	Satisfactory
Molybdenum, Total ** EPA Code: N/A	ug/L	8011	USGS I-4471-97	211	213 *	192 - 234	181 - 244 <i>99 passed out of 104 reported results.</i>	Satisfactory
Sample: Non Potable Water Minerals								
Chloride ** EPA Code: N/A	mg/L	8008	USGS I-2057-85	< 0.2	115 *	108 - 122	105 - 125 <i>116 passed out of 125 reported results.</i>	Unsatisfactory <==
Sulfate (as SO4) ** EPA Code: N/A	mg/L	8008	USGS I-2057-85	< 0.18	95.0 *	83.8 - 104	78.8 - 108 <i>98 passed out of 105 reported results.</i>	Unsatisfactory <==
Sample: Non Potable Water Minerals II								
Calcium, Total ** EPA Code: N/A	mg/L	8037	USGS I-4471-97	< 0.04	57.1 *	53.3 - 62.4	51.0 - 64.7 <i>80 passed out of 92 reported results.</i>	Unsatisfactory <==
Potassium, Total ** EPA Code: N/A	mg/L	8037	SM 18-20 3120B	< 0.16	9.49 *	8.49 - 10.5	7.98 - 11.0 <i>72 passed out of 89 reported results.</i>	Unsatisfactory <==
Magnesium, Total ** EPA Code: N/A	mg/L	8037	USGS I-4471-97	< 0.008	13.5 *	12.3 - 14.6	11.8 - 15.2 <i>93 passed out of 97 reported results.</i>	Unsatisfactory <==